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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/354,476	07/15/1999	YOICHI MIZUTANI	450100-4988	5209

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EXAMINER

HO, TUAN V

ART UNIT PAPER NUMBER

2612

DATE MAILED: 02/20/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/354,476

Applicant(s)

MIZUTANI ET AL.

Examiner

TUAN HO

Art Unit

2612

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-4 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-4 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 15 July 1999 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on ____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). ____.
- 2) ☒ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) ____ 6) ☐ Other: ____.

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1. The title of the invention is not descriptive. A new title is required that is clearly indicative of the invention to which the claims are directed.
2. The drawings are objected to because "Prior Art" is required for Fig. 1. Correction is required.
3. Applicant is required to submit a proposed drawing correction in reply to this Office action. However, formal correction of the noted defect can be deferred until the application is allowed by the examiner .
4. The disclosure is objected to because of the following informalities: in page 4, line 6 of the specification, the phrase "in one, the present invention provides a" should be deleted since it appears to be a typographical error.

Appropriate correction is required.

5. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-4 are rejected under 35 U.S.C. 102(b) as being anticipated by Tanaka (US 5,751,350).

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With regard to claim 1, Tanaka discloses in Fig. 2, an electronic camera that comprises the imaging means (CCD 20, col. 3, line 22), memory means (frame memory 24, col. 3, line 34), plurality of signal processing means (processing circuit 23 and circuits 28-34, col. 3, lines 45-64 process image signal based on predetermined information that is implemented in the circuits), recording medium (memory card 10), control means (CPU 50, col. 3, line 16), first operational mode (image signals from CCD 20 processed by processor 23 are stored in frame memory 24 and displayed by monitor 7, col. 3, lines 15-45), and second operational mode (the image signals are processed by circuits 28-33 so as to store in memory card 10, col. 3, lines 45-67 and col. 4, lines 1-23).

With regard to claim 2, Tanaka discloses in Fig. 2, an electronic camera that comprises the resolution conversion means (high quality processing circuit 28, col. 3, lines 45-55).

With regard to claim 3, Tanaka discloses in Fig. 2, an electronic camera that comprises the compression means (compression circuit 34, col. 4, line 18).

With regard to claim 4, Tanaka discloses in Fig. 2, an electronic camera that comprises the real-time processing

for decimating the image data (image data from CCD 20 is processed by processor 23 so as to generate a color signal in real-time processing since the image is used as a current taking image to a user, col. 3, lines 15+).

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Anderson et al discloses an electronic camera that comprises a plurality of processors.

Komiya et al discloses an electronic camera that comprises a compression circuit.

Kobayashi et al discloses a video camera that comprises a format conversion circuit.

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tuan Ho whose telephone number is (703) 305-4943. The examiner can normally be reached on Monday-Friday from 7:00 to 4:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Wendy Garber, can be reached on (703) 305-4929.

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks
Washington, D.C. 20231

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or faxed to:

(703) 872-9314

Hand-delivered responses should be brought to
Crystal Park II, 2121 Crystal Drive, Arlington,
VA, Sixth Floor (Receptionist).

Any inquiry of a general nature or relating to the
status of this application or proceeding should be directed
to the Technology Center 2600 Customer Service Office whose
telephone number is (703) 306-0377.

th

February 9, 2003


TUAN HO
PRIMARY EXAMINER

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